

# CITATION OF PRIOR ART

Sheet 1 of 4

FORM PT0-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <b>PT1817</b>	APPLICATION SERIAL NO. <b>09/465,338</b>
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT <b>Kenneth Stephen Albert and Paul José Maes</b>	
		FILING DATE <b>December 17, 1999</b>	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<del>AKP</del>	4,263,273	04-1981	Appelgren et al.	424	21	
<del>AKP</del>	4,327,725	05-1982	Cortese et al.	128	260	
<del>AKP</del>	4,600,645	07-1986	Ghebre-Sellassie et al.	428	403	
<del>AKP</del>	4,612,008	09-1986	Wong et al.	604	892	
<del>AKP</del>	4,623,588	11-1986	Nuwayser et al.	428	402.24	
<del>AKP</del>	4,696,924	09-1987	Marcoux	514	211	
<del>AKP</del>	4,705,695	11-1987	Lehmann et al.	427	3	
<del>AKP</del>	4,721,619	01-1988	Panoz et al.	424	459	
<del>AKP</del>	4,753,802	06-1988	Stephens et al.	424	467	
<del>AKP</del>	4,783,337	11-1988	Wong et al.	424	468	
<del>AKP</del>	4,784,858	11-1988	Ventouras	424	468	
<del>AKP</del>	4,792,452	12-1988	Howard et al.	424	475	
	4,808,413	02-1989	Joshi et al.	424	458	
	4,824,678	04-1989	Lindahl et al.	424	473	
	4,832,958	05-1989	Baudier et al.	424	473	
	4,839,177	06-1989	Colombo et al.	424	482	
	4,859,469	08-1989	Baudier et al.	424	462	
	4,859,470	08-1989	Guittard et al.	424	473	
	4,880,631	11-1989	Haslam et al.	424	424	
	4,891,230	01-1990	Geoghegan et al.	424	461	
	4,894,240	01-1990	Geoghegan et al.	424	497	
	4,917,899	04-1990	Geoghegan et al.	424	461	
	4,938,967	07-1990	Newton et al.	424	458	
	4,940,588	07-1990	Sparks et al.	424	490	
	4,952,402	08-1990	Sparks et al.	424	419	
<del>AKP</del>	4,960,596	10-1990	Debregeas et al.	424	458	
	4,966,769	10-1990	Guittard et al.	424	473	
	5,000,962	03-1991	Sangekar et al.	424	482	
	5,002,776	03-1991	Geoghegan et al.	424	497	
	5,004,614	04-1991	Staniforth	424	466	
	5,008,114	04-1991	Lovrecich	424	484	
	5,051,262	09-1991	Panoz et al.	424	468	
	5,082,668	01-1992	Wong et al.	424	473	
	5,112,621	05-1992	Stevens et al.	424	497	
	5,149,542	09-1992	Valducci	424	493	
	5,156,850	10-1992	Wong et al.	424	473	
	5,160,744	11-1992	Jao et al.	424	473	
	5,175,003	12-1992	Goldman	424	484	
	5,178,867	01-1993	Guittard et al.	424	473	
	5,190,765	03-1993	Jao et al.	424	473	
	5,219,621	06-1993	Geoghegan et al.	424	462	
	5,229,135	07-1993	Philippon et al.	424	494	
	5,252,338	10-1993	Jao et al.	424	473	
	5,260,068	11-1993	Chen, Chih-Ming	424	451	
	5,260,069	11-1993	Chen, Chih-Ming	424	451	
	5,275,824	01-1994	Carli et al.	424	490	

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<b>410</b>	5,286,497	02-1994	Hendrickson et al.	424	490	
	5,288,505	02-1994	Deboeck et al.	424	497	
	5,326,571	07-1994	Wright et al.	424	473	
	5,330,761	07-1994	Baichwal	424	469	
	5,336,504	08-1994	Geoghegan et al.	424	462	
	5,344,657	09-1994	Desmolin	424	458	
	5,354,556	10-1994	Sparks et al.	424	419	
	5,364,620	11-1994	Geoghegan et al.	424	497	
	5,419,917	05-1995	Chen et al.	429	469	
	5,439,689	08-1995	Hendrickson et al.	424	490	
	5,445,829	08-1995	Paradissis et al.	424	480	
	5,449,521	09-1995	Lovrecich	424	489	
	5,455,046	10-1995	Baichwal	424	457	
	5,458,887	10-1995	Chen et al.	424	464	
	5,458,888	10-1995	Chen	424	464	
	5,464,633	11-1995	Conte et al.	424	480	
	5,470,584	11-1995	Hendrickson et al.	424	490	
	5,472,708	12-1995	Chen, Chih-Ming	424	451	
	5,472,711	12-1995	Baichwal	424	468	
	5,478,574	12-1995	Baichwal et al.	424	485	
	5,508,040	04-1996	Chen, Chih-Ming	424	451	
	5,512,297	04-1996	Baichwal	424	451	
	5,529,790	06-1996	Eichel et al.	424	480	
	5,529,791	06-1996	Deboeck et al.	424	494	
	5,554,387	09-1996	Baichwal	424	488	
	5,558,879	09-1996	Chen et al.	424	480	
	5,567,441	10-1996	Chen	424	494	
	5,601,845	02-1997	Buxton et al.	424	495	
	5,616,345	04-1997	Geoghegan et al.	424	497	
	5,622,716	04-1997	Barth	424	461	
	5,626,860	05-1997	Cincotta et al.	424	423	
	5,654,005	08-1997	Chen et al.	424	480	
	5,662,933	09-1997	Baichwal et al.	424	457	
	5,667,801	09-1997	Baichwal	424	457	
	5,670,168	09-1997	Baichwal et al.	424	464	
	5,670,172	09-1997	Buxton et al.	424	495	
	5,681,583	10-1997	Conte et al.	424	472	
	5,688,794	11-1997	Meier et al.	514	250	
	5,716,933	02-1998	Meier et al.	514	12	
	5,716,962	02-1998	Cincotta et al.	514	288	
	5,736,159	04-1998	Chen et al.	424	480	
	5,756,513	05-1998	Cincotta et al.	514	288	
	5,773,025	06-1998	Baichwal	424	458	
	5,785,994	07-1998	Wong et al.	424	473	
	5,830,503	11-1998	Chen	424	480	
	5,834,023	11-1998	Chen	424	497	
	5,834,024	11-1998	Heinicke et al.	424	497	
	5,837,379	11-1998	Chen et al.	424	465	
	5,840,329	11-1998	Bai	424	458	
	5,843,347	12-1998	Nguyen et al.	264	9	

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<b>APP</b>	5,846,563	12-1998	Baichwal	424	457	
	5,851,555	12-1998	Sanghvi et al.	424	464	
	5,869,097	02-1999	Wong et al.	424	473	
	5,914,134	06-1999	Sharma	424	497	
	5,916,595	06-1999	Chen et al.	424	480	
	5,922,352	07-1999	Chen et al.	424	465	
	5,945,125	08-1999	Kim	424	473	
	5,958,456	09-1999	Baichwal et al.	424	489	
	<del>6,004,582</del>	<del>12-1999</del>	<del>Faour et al.</del>	<del>424</del>	<del>473</del>	
	<del>6,022,562</del>	<del>02-2000</del>	<del>Autant et al.</del>	<del>424</del>	<del>489</del>	
	<del>6,033,687</del>	<del>03-2000</del>	<del>Heinicke et al.</del>	<del>424</del>	<del>497</del>	
<b>APP</b>	Re. 35,903	09-1998	Debregaes et al.	424	458	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<b>APP</b>	EP 0 149 920 A2	12-1984	Europe				
<b>APP</b>	EP 0 263 083 A1	09-1987	Europe				
<b>APP</b>	EP 0 282 698 A	01-1988	Europe				
	EP 0 309 051 A1	09-1988	Europe				
	EP 0 315 414 A1	11-1988	Europe				
	EP 0 318 398 A1	11-1988	Europe				
	EP 0 320 097 A1	10-1988	Europe				
	EP 0 322 277 A1	12-1988	Europe				
	EP 0 340 105 A1	04-1989	Europe				
	EP 0 342 106 A1	05-1989	Europe				
	EP 0 373 417 A1	11-1989	Europe				
	EP 0 527 637 B1	04-1998	Europe				
	EP 0 591 424 B1	09-1999	Europe				
<b>APP</b>	EP 0 605 174 A	12-1993	Europe				
<b>APP</b>	EP 0 682 945 B1	06-1999	Europe				
<b>APP</b>	EP 0 856 313 A1	10-1988	Europe				
<b>APP</b>	WO 90/06107	14-1990	<del>PCT</del> WO				
<b>APP</b>	WO 91/01722	02-1991	<del>PCT</del> WO				
<b>APP</b>	WO 93/00093	01-1993	<del>PCT</del> WO				
<b>APP</b>	WO 93/09767	05-1993	<del>PCT</del> WO				
<b>APP</b>	WO 96/29992	10-1996	<del>PCT</del> WO				
	WO 97/23219	07-1997	<del>PCT</del> WO				
	WO 97/48386	12-1997	<del>PCT</del> WO				
	WO 98/32424	07-1998	<del>PCT</del> WO				
	WO 98/33488	08-1998	<del>PCT</del> WO				
	WO 98/33489	08-1998	<del>PCT</del> WO				

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>SEP</i>	Deedwanian, C. et al., <i>Effect of Morning Versus Evening Dosing of Diltiazem on Myocardial Ischemia Detected by Ambulatory Electrocardiographic Monitoring in Chronic Stable Angio Pectoris</i> , PRA KASH, <u>The American Journal of Cardiology</u> , Vol. 80, Aug. 15, 1997, p. 421-425
<i>SEP</i>	Kelly, J.G. et al., <i>Pharmacokinetic Properties and Antihypertensive Efficacy of Once-Daily Diltiazem</i> , <u>Journal of Cardio-Vascular Pharmacology</u> , 17:6:957-963, (1991)
<i>SEP</i>	Kohn, I. et al., <i>Administration Time - Dependent Effects of Diltiazem on The 24-Hour Blood Pressure Profile of Essential Hypertension Patients</i> , <u>Chronobiology International</u> , 14(1), 71-84, (1997)
<i>SEP</i>	Leeuwenkamp, O.R. et al., <i>A comparative study of the steady-state pharmacokinetics of immediate-release and controlled-release diltiazem tablets</i> , <u>Eur. J. Clin. Pharmacol.</u> , (1994) 46:243-247
<i>SEP</i>	Thiffault, J. et al., <i>The Influence of Time Administration on the Pharmacokinetics of a Once A Day Diltiazem Formulation: Morning Against Bedtime</i> , <u>Biopharmaceutics &amp; Drug Disposition</u> , Vol. 17, 107 - 115 (1996)
<i>SEP</i>	Zahirul, M. et al., <i>Recent Trends and Progress in Sustained or Controlled Oral Delivery of Some Water Soluble Drugs: Morphine Salts, Diltiazem and Captopril</i> , <u>Drug Development and Industrial Pharmacy</u> , US, New York, NY, vol. 21, no. 9, 1 January 1995, pages 1037-1070
EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	<i>4/27/00</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	